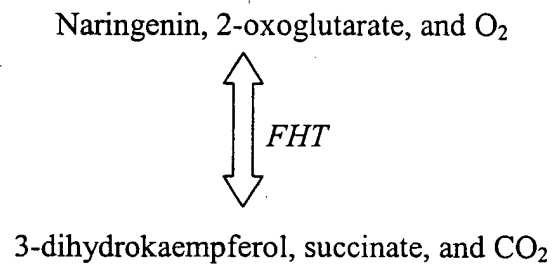


Figure 1. The Flavanone 3-hydroxylase (FHT) reaction.

Pathway:



Substrates:

Naringenin, 2-oxoglutarate, and O₂

Products:

3-dihydrokaempferol, succinate, and CO₂

Function:

The FHT enzyme is involved in the conversion of naringenin, 2-oxoglutarate, and O₂ to 3-dihydrokaempferol, succinate, and CO₂ in plants.